

Oil Field Environmental Incident Summary

Incident: 20140814124458 **Date/Time of Notice:** 08/14/2014 12:44

Responsible Party: OXY USA INC.

Well Operator: OXY USA INC.

Well Name: TWIST 31-4H

Field Name: MURPHY CREEK

Well File #: 17525

Date Incident: 8/13/2014 **Time Incident:** 13:30

Facility ID Number:

County: DUNN

Twp: 143

Rng: 95

Sec: 4

Qtr:

Location Description:

Submitted By: Robyn Espinoza

Received By:

Contact Person: Robyn Espinoza
5 GREENWAY PLAZA STE 110
HOUSTON, TX 77046-0506

General Land Use: Pasture

Affected Medium: Topsoil

Distance Nearest Occupied Building: 0.5 Mile

Distance Nearest Water Well: 0.5 Mile

Type of Incident: Treater Leak

Release Contained in Dike: No

Reported to NRC: No

	Spilled	Units	Recovered	Units	Followup	Units
Oil	27	Barrels	20	Barrels	20	barrels
Brine	28	Barrels	20	Barrels	20	barrels

Other

Description of Other Released Contaminant:

Inspected: **Written Report Received:** 12/16/2014 **Clean Up Concluded:** 9/20/2014

Risk Evaluation:

Contaminated surface material off location

Areal Extent:

Around treater and approximately 200 feet along access road ditch

Potential Environmental Impacts:

Contaminated surface material off location

Action Taken or Planned:

Baranko Bros responded immediately with a vac truck to recover all standing liquids, any remaining contaminated soil will be removed and disposed of and any affected vegetation will be cut and bagged.

Wastes Disposal Location: Chimney Butte

Agencies Involved:**Updates**

Date: 8/14/2014 **Status:** Reviewed - Follow-up Required

Author: Roberts, Kris

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

Treater leak flowed off location along the lease road. Followup is necessary.

Date: 8/19/2014 **Status:** Inspection

Author: Wax, Pete

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

On site 09:20, off site 10:18, clear, 70 degrees, wind S light. Nearest water is an ephemeral creek 200 yards to the south that drains to the SE. Took pictures. Walked area. Spill appears to have been mostly on north 1/3 of pad with an area 50- by 50-yards off pad to the NW. Area off pad has been cleaned and resurfaced nicely. Lighter impacted area has been clipped and vegetation bagged. A containment dike has been built at south edge of impacted area on west side of pad, and there are containment lagoons for impacted pad material on west side (both on pad). Eight- to 10-inch rain since event. Water washed out both SE and SW sides of pad. Inconclusive, but it appears some volume of storm water overtopped containment on west side but not the lagoons on east side. Water washed out of pad and mixed with natural drainage, overwhelming culverts and overtopping road. Grass is laid down all the way to ephemeral creek. Gravel and erosion in drainage path indicate high velocity and force. No evidence of oil on grass in drainage path. Cleanup on pad and removal of bagged vegetation still needs to be accomplished. Cleanup crew arrived on site during inspection, but they have no knowledge of extent of spill.

Date: 9/26/2014 **Status:** Inspection

Author: Espe, Brady

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

The weather was 62 °F, clear, with wind from the southeast 5-10 mph. The spill ran down the west side of the lease road and to the main gravel road. The spill does not appear to have flowed to the other side of the gravel road. The ditch has been scraped up along with the pad. The ditch material has been hauled away. Straw wattles have been placed in the lease road ditch to prevent erosion. More followup needed to check on vegetation growth next summer.

Date: 5/13/2015 **Status:** Inspection

Author: Espe, Brady

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

I arrived at the site at 9:36 a.m. The weather was cloudy, 45°F, with the wind from the northeast 5-10 mph. The erosion measures are still in place; the ditch also has gravel in it. Some areas of the ditch have vegetation growing. More followup needed.

Date: 4/21/2016 **Status:** Inspection

Author: O'Gorman, Brian

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

Arrived on location at 14:30. Sunny, 52 degrees F, NW wind 5-10 mph. Walked along the release location and took photos. Other than the many volumes of soil and gravel that had washed downgradient on the north side of the lease road, it did not appear that vegetation had been impacted by oil and/or brine water from the 2014 release. Recommend closing incident and calling NDIC for follow-up in regard to the eroded well pad and associated lease road.

Date: 4/27/2016 **Status:** Correspondence

Author: O'Gorman, Brian

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

Contacted Cody Vanderbusch with the NDIC to let him know of the erosion issue along the well pad and lease road. He is going to forward the information to the area inspector. No further follow-up needed at this time.